NPIC/R-1123/63 February 1963

PHOTOGRAPHIC INTERPRETATION REPORT

BRASS KNOB MISSION 3454 26 FEBRUARY 1963





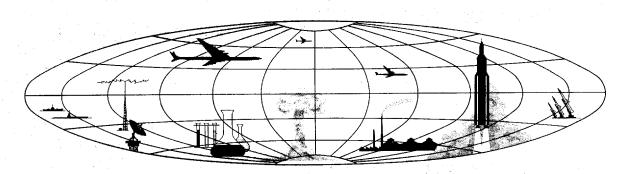






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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3454, DATED 26 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

25X1D

-MISSILES-

25X1D

BARTOLOME, SUSPECT SSM ACTIVITY 2226N Ø7934W

NO MISSILE-RELATED ACTIVITY OBSERVED.

25X1D

25X1D

SALAMANCA, SUSPECT SSM ACTIVITY 2227N Ø794ØW

NO MISSILE-RELATED ACTIVITY OBSERVED.

25X1D

25X1D

SANTA BARBARA, SUSPECT MISSILE ACTIVITY 2012N 07634W

NO MISSILE OR OTHER MILITARY ACTIVITY OBSERVED.

25X1D

SANTA LUCIA SAM SITE 2241N Ø8355W

SIX REVETTED LAUNCHERS (ONE CANVAS-COVERED), REVETTED AND OCCUPIED GUIDANCE AREA, AND 2 HOLD POSITIONS (OCCUPIED OR CANVAS COVERED). OBLIQUITY LIMITS INTERPRETATION.

25X1D

CONFIDENTIAL

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25X1D

LA COLOMA SAM SITE 2218N Ø8332W

SIX PROBABLE LAUNCHERS, 3 CANVAS-COVERED HOLD POSITIONS AND ACQUISITION RADAR VISIBLE. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1D

SIGUANEA SAM SITE 2137N Ø8257W

SITE INCLUDES 6 LAUNCH POSITIONS (4 REVETTED, ONE PARTIALLY REVETTED AND ONE UNREVETTED), UNREVETTED POSITION UNDCCUPIED. TWO POSITIONS HAVE TENT-LIKE COVERING AND 3 UNCOVERED POSITIONS POSSIBLY HAVE MISSILES ON LAUNCHERS. ONE CANVAS-COVERED MISSILE TRANSPORTER IS PARKED OUTSIDE OF CANVAS-COVERED MISSILE HOLD AREA. SIX SETS OF BOGIE WHEELS OBSERVED IN AREA.

25X1D

25X1D

MANZANILLO SAM SITE 2018N 07706W

SITE INCLUDES 6 LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTER, ONE UNCOVERED MISSILE TRANSPORTER. GUIDANCE AREA IS REVETTED AND CANVAS-COVERED.

25X1D

25X1D

CHAMBAS SAM SITE 2213N Ø7853W

SITE CONTAINS 6 LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, AND A GUIDANCE AREA.

25X1D

25X1D

ESMERALDA SAM SITE 2155N Ø7813W

SITE CONTAINS 6 LAUNCHERS (AT LEAST 5 WITH MISSILES)
7 CANVAS-COVERED TRANSPORTERS, 12 TRACKED PRIME
MOVERS, AND OCCUPIED GUIDANCE AREA.

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25X1D

CIEGO DE AVILA SAM ASSEMBLY AREA 2152N Ø7844W



NO APPARENT CHANGE IN FACILITIES. APPROXIMATELY 26 MISSILE TRANSPORTERS AND 6 UNIDENTIFIED VEHICLES OBSERVED. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1D

CAMAGUEY AIRFIELD SAM SITE 2122N Ø775ØW



SITE CONTAINS 6 UNREVETTED LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND OCCUPIED GUIDANCE AREA.

25X1D

25X1D

SIGUANEA CRUISE-MISSILE SITE 2137N Ø8258W



TWO LAUNCH POSITIONS OBSERVED. BOTH OF THE POSITIONS HAVE THE LAUNCHER COVERED BY CANVAS SHELTERS. SUPPORT AREA IS CLOUD-COVERED.

25X1D

-AIRFIELDS-

25X1D

CAMILO CIENFUEGOS AIRFIELD 2229N Ø7955W.



AIRCRAFT -- 20 FISHBED, 8 FARMER, 12 FAGOT/FRESCO, AND ONE HOUND. RUNWAY SERVICEABLE.

25X1D

25X1D

CAMAGUEY INTERNATIONAL AIRFIELD 2125N Ø7751W

AIRCRAFT -- ONE PROBABLE CRATE. NO APPARENT CHANGE IN FACILITIES.

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SIGUANEA AIRFIELD 2138N Ø8257W

NO AIRCRAFT OBSERVED. RUNWAY APPEARS SERVICEABLE.

25X1D

COLONEL MARTIN MARRERRO AIRFIELD 2150N 08247W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1D

JAIME GONZALES AIRFIELD 2209N 08025W

NO AIRCRAFT OBSERVED.
RUNWAY SERVICEABLE.

25X1D

BAYAMO EAST AIRFIELD 2023N 07638W

AIRCRAFT -- 5 LIAISON.
NO CHANGE IN FACILITIES.

25X1D

PINAR DEL RIO AIRFIELD 2225N Ø8341W

AIRCRAFT -- 2 COLT.
NO APPARENT CHANGE IN FACILITIES.

25X1D

-PORTS-

SANTA MARIA BAY 2113N Ø7835W

APPROXIMATELY 5 NM SW OF SANTA MARIA BAY.
TWO FREIGHTERS ANCHORED OFF SHORE. POSSIBLE LIGHTER
HEADING FROM BAY TOWARDS SHIPS. SMALL BOATS ALONGSIDE
BOTH SHIPS.

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SAN RAMON PORT 2013N 07725W

ONE FREIGHTER IS AT THE PIER AT PORT OF SAN RAMON.

25X1D

25X1D

PUNTA ALEGRE PORT 2223N Ø7847W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

CIENFUEGOS PORT 2209N 08027W

VESSELS -- THREE FREIGHTERS AT ANCHOR (PROBABLE KOVROV HAS ONE LIGHTER ALONGSIDE AND ONE HATCH OPEN, OTHER 2 FREIGHTERS ARE UNIDENTIFIED).

25X1D

MANZANILLO PORT 2021N 07707W

VESSELS -- ONE FREIGHTER ANCHORED AT CAPE GRANDE, 8 BARGES.
NO OTHER CHANGES NOTED.

25X1D

NUEVITAS PORT 2132N 07716W

FOUR UNIDENTIFIED SHIPS OBSERVED. UNABLE TO DETERMINE WHETHER LOADING OR UNLOADING.

25X1D

25X1D

CAIBARIEN PORT 2232N Ø7928W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.
TUG PULLING 3 PROBABLE EMPTY BARGES APPROACHING
PORT FROM CAYO FRANCES.

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25X1D 25X1D

SANTA LUCIA PORT 2240N 08358W

VESSELS -- NO LARGE VESSELS.
SEVEN BARGES AND NUMEROUS SMALL CRAFT.

25X1D

SURGIDERO DE BATABANO PORT 2241N Ø8218W

25X1D

VESSELS -- NO LARGE VESSELS OBSERVED.
HAZE AND OBLIQUITY PRECLUDE DETAILED INTERPRETATION.

25X1D

LA COLOMA PORT 2214N Ø8334W

VESSELS -- NUMEROUS SMALL CRAFT OBSERVED.

25X1D

TUNAS DE ZAZA, PORT FACILITIES 2138N Ø7933W

KASIMOV REMAINS ANCHORED OFFSHORE.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1D <u>-ELECTRONICS-</u>

25X1D

CIEGO DE AVILA, TOKEN-TYPE RADAR SITE 2151N Ø7843W

NO APPARENT CHANGE IN FACILITIES. APPROXIMATELY 60 UNIDENTIFIED VEHICLES/EQUIPMENT VISIBLE. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

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-MILITARY ACTIVITY-

25X1D

MANZANILLO AREA, MILITARY CAMP 2017N 07706W



NINETEEN TANKS OBSERVED. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1D

PINAR DEL RIO, MILITARY CAMP 2223N Ø8342W

APPROXIMATELY 50 VEHICLES/PIECES OF EQUIPMENT OBSERVED.

25X1D

CAMAGUEY AREA, MILITARY CAMP 1 2121N Ø775ØW

APPROXIMATELY 60 VEHICLES OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

REMEDIOS AREA, MILITARY CAMP 2227N 07934W 25

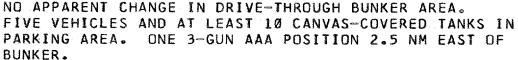
25X1D

NO APPARENT CHANGE: IN COUNT OR PLACEMENT OF VEHICLES OR EQUIPMENT SINCE OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1D

SANTA CLARA AREA, MILITARY ACTIVITY 2221N 07957W



DUNKER

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25X1D

CAMAGUEY AREA, MILITARY CAMP 2126N Ø7753W

SEVEN UNIDENTIFIED VEHICLES. NO APPARENT CHANGE IN FACILITIES.

25X1D

VICTORIA DE LAS TUNAS, MILITARY CAMP 2054N 07655W

APPROXIMATELY 28 VEHICLES ON 2 SEPARATE HARDSTANDS, NUMEROUS DIGGINGS, AND AW POSITIONS.

NO APPARENT CHANGE IN FACILITIES. EXTENSIVE TRACK ACTIVITY IN AREA.

25X1D

SANTA FE AREA, MILITARY ACTIVITY 2143N Ø8249W

NO NEW MILITARY ACTIVITY OBSERVED: IN CLOUD-FREE PORTIONS.

25X1D

CAYO LARGO 2138N Ø8129W

AIRCRAFT -- NONE.

NO APPARENT CHANGE IN FACILITIES. CONSTRUCTION CONTINUES.

25X1D

TURIGUANO ISLAND SEARCH AREA 2217N Ø7836W

NO MILITARY ACTIVITY OBSERVED.

25X1D

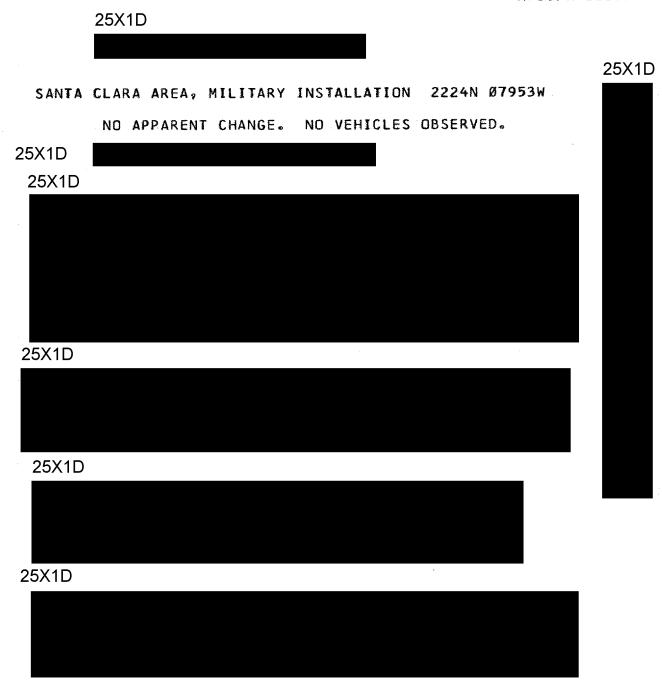
-MISCELLANEOUS ACTIVITY-

LA ROSITA AREA, STORAGE INSTALLATION 2208N: 08004W

NO APPARENT CHANGE.

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-STATUS OF OTHER TARGETS-

MISSION 3454 DID NOT COVER TARGETS EAST OF 76 DEGREES WEST OR WEST OF 84 DEGREES 30 MINUTES WEST LONGITUDE.

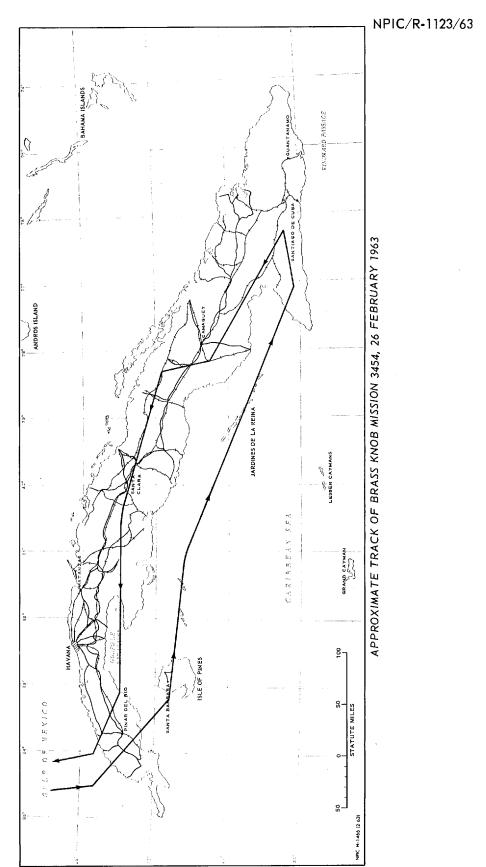
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THE FOLLOWING TARGETS COULD BE IDENTIFIED.	
BUT NOT INTERPRETED	25X1D
SAGUA LA GRANDE MRBM SITE 1 SAGUA LA GRANDE MRBM SITE 2 SAN JULIAN AIRFIELD SAM SITE CIENFUEGOS SAM SITE SAGUA LA GRANDE SAM SITE CAIBARIEN SAM SITE SANCTI SPIRITUS SAM SITE JIGUANI SAM SITE MANATI SAM SITE SENADO SAM SITE DELEITE SAM SITE CIEGO DE AVILA SAM SITE VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA	2243N Ø8ØØ1W
SAGUA LA GRANDE MRBM SITE 2	2239N Ø7951W
SAN JULIAN AIREIFID SAM SITE	2205N Ø84Ø9W
CIENTHEGOS SAM SITE	22Ø2N Ø8Ø24W
SAGUA LA GRANDE SAM SITE	2251N Ø8ØØ5W
CAIRARIEN SAM SITE	2228N Ø7929W
SANCTI SPIRITUS SAM SITE	2147N Ø7929W
JIGUANI SAM SITE	2021N 07620W
MANATI SAM SITE	2113N Ø77Ø2W
SENADO SAM SITE	2136N Ø7733W
DELEITE SAM SITE	2259N Ø8Ø45W
CIEGO DE AVILA SAM SITE	2142N Ø785ØW
DELEITE ALTERNATE SAM SITE	23Ø1N Ø8Ø44W
VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA	2104N 07700W
LA SIERRA CRUISE-MISSILE SITE	2156N Ø8Ø19W
SAN JULIAN AIRFIELD	2206N 08409W
TRINIDAD AIRFIELD	2147N Ø7959W
CASILDA PORT	2145N Ø7959W
HOLGUIN AREA, MILITARY CAMP	2053N 07614W
LAS VILLAS AREA OF SPECIAL INTEREST	2146N Ø7959W
CIENFUEGOS LANDING BEACH	2202N 08036W
LA SIERRA CRUISE-MISSILE SITE SAN JULIAN AIRFIELD TRINIDAD AIRFIELD CASILDA PORT HOLGUIN AREA, MILITARY CAMP LAS VILLAS AREA OF SPECIAL INTEREST CIENFUEGOS LANDING BEACH ENSENADA COLORADO LANDING BEACH	2202N 08025W
MANICARAGUA AREA, EXPLOSIVES STORAGE SITE	2206N 07958W

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